

Map Symbol	Map Unit Name	Nontechnical Descriptions
AcB	ACADIA SILT LOAM, 1 TO 3 PERCENT SLOPES	This somewhat poorly drained, very gently sloping soil is on side slopes on uplands. It has a loamy surface layer and a clayey subsoil. The soil is acid throughout and has low fertility. Runoff is medium. Water and air move very slowly through the subsoil. The soil has a seasonal high water table for long periods in winter and spring. The clayey subsoil has a high shrink-swell potential.
AcC	ACADIA SILT LOAM, 3 TO 5 PERCENT SLOPES	This somewhat poorly drained, gently sloping soil is on uplands. It has a loamy surface layer and a clayey subsoil. The soil is acid throughout and has low fertility. Runoff is medium to rapid. Water and air move very slowly through the soil. A seasonal high water table is perched upon the clayey subsoil in winter and spring. The shrink-swell potential is high.
BaB	BEARHEAD-MERRYVILLE COMPLEX, GENTLY UNDULATING	These gently undulating, well drained and poorly drained soils are on stream terraces. The Bearhead soil is on mounds or ridges, and the Merryville soil is on flat areas or in swales. The Merryville soil is subject to rare flooding. Both soils have a loamy surface layer and a loamy and sandy subsoil. Natural fertility is low. The soils have a seasonal high water table in winter and spring.
BdB	BEAUREGARD SILT LOAM, 1 TO 3 PERCENT SLOPES	This moderately well drained, very gently sloping soil is on broad areas on uplands. It is loamy throughout. Runoff is slow, and water and air move slowly through the subsoil. The soil is wet for long periods because of slow runoff and a seasonal high water table.
BdC	BEAUREGARD SILT LOAM, 3 TO 5 PERCENT SLOPES	This moderately well drained, very gently sloping to gently sloping soil is on uplands. It is loamy throughout and has plinthite in the lower part of the subsoil. Natural fertility is low. Runoff is medium, and water and air move moderately slowly through the soil.
BkC	BETIS FINE SAND, 1 TO 5 PERCENT SLOPES	This somewhat excessively drained, very gently sloping or gently sloping, sandy soil is on uplands. It has a very low available water capacity and very low natural fertility. Runoff is slow. Water moves rapidly through the soil.
BkD	BETIS FINE SAND, 5 TO 8 PERCENT SLOPES	This somewhat excessively drained, strongly sloping to steep, sandy soil is on uplands. It has a very low available water capacity and very low natural fertility. Runoff is slow. Water moves rapidly through the soil.
BmC	BIENVILLE LOAMY FINE SAND, 1 TO 5 PERCENT SLOPES	This very gently sloping or gently sloping, somewhat excessively drained soil is on low stream terraces. It is sandy throughout. Permeability is moderately rapid. The available water capacity is low or very low. Natural fertility is low. The soil has a seasonal high water table in winter and spring.

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BnB	BIENVILLE-GUYTON COMPLEX, GENTLY UNDULATING	These gently undulating, somewhat excessively drained Bienville soils and poorly drained Guyton soils are on terraces. The Bienville soil is on low ridges. It is sandy throughout and has a low available water capacity. The Guyton soil is in swales, and it is subject to rare flooding. The Guyton soil is loamy throughout. It has a seasonal high water table for long periods in winter and spring. Natural fertility is low in both soils.
BpB	BLEVINS VERY FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	This well drained, very gently sloping to gently sloping soil is on uplands. It is loamy and acid throughout. Natural fertility is low. Runoff is medium. Water and air move through the soil at a moderate rate. Plant roots penetrate this soil easily. The soil dries quickly after rains. In places, the soil is moderately eroded.
BpC	BLEVINS VERY FINE SANDY LOAM, 3 TO 5 PERCENT SLOPES	This well drained, very gently sloping to gently sloping soil is on uplands. It is loamy and acid throughout. Natural fertility is low. Runoff is medium. Water and air move through the soil at a moderate rate. Plant roots penetrate this soil easily. The soil dries quickly after rains. In places, the soil is moderately eroded.
BpD	BLEVINS VERY FINE SANDY LOAM, 5 TO 8 PERCENT SLOPES	This well drained, gently sloping to moderately sloping soil is on uplands. It is loamy and acid throughout. Natural fertility is low. Runoff is rapid. Movement of air and water through the soil is moderate. Plant roots penetrate the soil easily. In places, the soil is moderately eroded.
ByC	BOYKIN LOAMY FINE SAND, 1 TO 5 PERCENT SLOPES	This well drained, gently sloping soil is on uplands. It has thick sandy surface and subsurface layers and a loamy subsoil. Natural fertility is low. Runoff is slow. Water and air move rapidly through the sandy surface and subsurface layers, and they move at a moderate rate through the loamy subsoil. The available water capacity is low.
ByD	BOYKIN LOAMY FINE SAND, 5 TO 8 PERCENT SLOPES	This is a well drained, strongly sloping to moderately steep soil on uplands. It has thick sandy surface and subsurface layers and a loamy subsoil. The soil has low fertility and a low or moderate available water capacity. Permeability is rapid in the upper part of the soil and moderate in the lower part. Surface runoff is medium.
BzA	BRIMSTONE SILT LOAM	This level, poorly drained soil is on low terraces. It is loamy throughout and contains a high concentration of sodium in the subsoil. Natural fertility is low. Permeability is very slow. The soil has a seasonal high water table for long periods in winter and spring.

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CYA	CYPRESS SILTY CLAY LOAM, FREQUENTLY FLOODED	These level, very poorly drained soils are in low, depressional areas on the alluvial plain. They formed in alluvium and are clayey throughout their profiles. These soils are ponded or flooded most of the time. Water and air move very slowly through the soils. The soils have high fertility. The shrink-swell potential is very high, but the soils seldom dry enough to shrink and crack. Slopes are less than 1 percent.
CdA	CADDO-MESSER SILT LOAMS	These Caddo and Messer soils are in broad areas on the terrace uplands. The Caddo soil is poorly drained and is in swales and on level areas. It makes up most of the map unit. The Messer soil is moderately well drained and is on mounds and low ridges. Both soils are acid and loamy throughout the profile. Permeability is slow in both soils. Runoff is slow on the Caddo soil and medium on the Messer soil. Both soils have a seasonal high water table for long periods in winter and spring.
ChB	CAHABA FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	This well drained, very gently sloping or gently sloping soil is on low stream terraces. It is loamy throughout, or it has a sandy surface layer and a loamy subsoil. Runoff is medium. Water and air move at a moderate rate through the subsoil. The soil dries quickly after rains. Plants are damaged by a lack of moisture during dry periods in summer and fall.
DoC	DOUCETTE LOAMY FINE SAND, 1 TO 5 PERCENT SLOPES	This well drained, gently sloping soil is on uplands. It has thick sandy surface and subsurface layers and a loamy subsoil. Natural fertility is low. Runoff is slow. Water and air move rapidly through the sandy surface and subsurface layers, and they move at a moderate rate through the loamy subsoil. The available water capacity is low.
DoD	DOUCETTE LOAMY FINE SAND, 5 TO 8 PERCENT SLOPES	This is a well drained, strongly sloping to moderately steep soil on uplands. It has thick sandy surface and subsurface layers and a loamy subsoil. The soil has low fertility and a low or moderate available water capacity. Permeability is rapid in the upper part of the soil and moderate in the lower part. Surface runoff is medium.
DuC	DUBACH FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	This gently sloping, well drained and moderately well drained soil is on terraces. It is loamy throughout the profile. Natural fertility is low. Surface runoff is medium. Permeability is moderate through the upper part of the subsoil and moderately slow through the lower part. The soil has a seasonal high water table.
DxB	DUBACH-BEARHEAD FINE SANDY LOAMS, GENTLY UNDULATING	These gently undulating, well drained and moderately well drained soils are on terraces. The Bearhead soil is on circular mounds. Dubach soil is well drained and loamy throughout. The Bearhead soil is moderately well drained. It has a loamy surface layer and a loamy and sandy subsoil. Natural fertility in both soils is low. Permeability is moderately slow or moderate.

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GRE	GORE VERY FINE SANDY LOAM, 5 TO 12 PERCENT SLOPES	This moderately well drained, moderately sloping to strongly sloping soil is on side slopes on uplands. It has a loamy surface layer and a clayey subsoil. The soil is acid throughout and has low fertility. Runoff is rapid, and water moves very slowly through the subsoil. The subsoil has a very high shrink-swell potential. In places, the soil is moderately eroded.
GRF	GORE VERY FINE SANDY LOAM, 12 TO 20 PERCENT SLOPES	This moderately well drained, moderately sloping to strongly sloping soil is on side slopes on uplands. It has a loamy surface layer and a clayey subsoil. Runoff is rapid. Water and air move slowly or very slowly through the subsoil. The soil is acid throughout and has low fertility. The subsoil has a high shrink-swell potential. In places, the soil is moderately eroded.
GXA	GUYTON-IUKA COMPLEX, FREQUENTLY FLOODED	These level soils are on narrow flood plains. They are subject to frequent flooding. The poorly drained Guyton soil is in low areas. The moderately well drained Iuka soil is on ridges and natural levees. The Guyton soil is loamy throughout. It has slow permeability. The Iuka soil has a loamy surface layer and a sandy and loamy underlying material. Both soils have a seasonal high water table in winter and spring. Natural fertility is low.
GYA	GUYTON-OUACHITA SILT LOAMS, FREQUENTLY FLOODED	These soils are level or nearly level. They are on flood plains of major streams. The soils are subject to frequent flooding. They are loamy throughout. The Guyton soil is poorly drained. It is in level and depressional areas. The Ouachita soil is well drained. It is on low ridges. During winter and spring, a seasonal high water table rises to near the surface in the Guyton soil.
GnB	GLENMORA SILT LOAM, 1 TO 3 PERCENT SLOPES	This moderately well drained, very gently sloping soil is on uplands. It is loamy throughout. Natural fertility is moderately low. Runoff is medium. Water and air move slowly through the subsoil. A seasonal high water table is about 2 to 3 feet below the surface in winter and spring. The subsoil has a moderate shrink-swell potential.
GrC	GORE VERY FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	This moderately well drained, very gently sloping to gently sloping soil is on uplands. It has a loamy surface layer and a clayey subsoil. The soil is acid throughout and has low fertility. Runoff is medium, and water moves very slowly through the subsoil. The shrink-swell potential is high or very high in the subsoil. In places, the soil is moderately eroded.
GtA	GUYTON SILT LOAM, OCCASIONALLY FLOODED	This level, poorly drained soil is in depressional areas. It is occasionally flooded, ponded, or otherwise saturated for long periods in winter and spring. The soil is acid and loamy throughout. Natural fertility is low. Permeability is slow or very slow. Runoff is very slow to ponded. The shrink-swell potential is low.

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GwA	GUYTON-MESSER SILT LOAMS	These Guyton and Messer soils are in a landscape of broad flats and many pimple mounds. Messer soil is on the mounds, and Guyton soil is on the flats. Slopes range from less than 1 percent on the flats to 5 percent on the mounds. The Guyton soil is poorly drained, and the Messer soil is moderately well drained. Both soils are loamy throughout and have a seasonal high water table during the winter and spring. Permeability is slow in both soils. Natural fertility is low.
HaB	HAINESVILLE LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES	This nearly level, somewhat excessively drained soil is on terraces or terrace remnants. It is subject to rare flooding. The soil is sandy throughout. It has rapid permeability and a very low or low available water capacity. Natural fertility is low. The soil has a seasonal high water table for short periods in winter and spring.
IUA	IUKA-MANTACHIE COMPLEX, FREQUENTLY FLOODED	This complex consists of the moderately well drained Iuka soil and the somewhat poorly drained Mantachie soil on flood plains. The soils are subject to frequent flooding. The Iuka soil is on convex slopes and the Mantachie soil is in low, level areas. Both soils are loamy throughout. They have a seasonal high water table in winter and spring. Natural fertility is low.
KbB	KIRBYVILLE-NIWANA FINE SANDY LOAMS, 1 TO 3 PERCENT SLOPES	This complex consists of areas of very gently sloping Kirbyville and Niwana soils on uplands. The Kirbyville soil is on ridgetops and side slopes. It is somewhat poorly drained. The Niwana soil is on circular mounds. It is moderately well drained. Both soils are loamy throughout. Natural fertility is low. Permeability is moderate. The soils have a seasonal high water table in winter and spring.
KoB	KOLIN SILT LOAM, 1 TO 3 PERCENT SLOPES	This moderately well drained, very gently sloping or gently sloping soil is on terraces. It is loamy in the upper part of the subsoil and clayey in the lower part. Natural fertility is low or moderately low. Runoff is slow to medium. Water and air move slowly or very slowly through the clayey part of the subsoil. A seasonal high water table is perched on the clayey subsoil for long periods in winter and spring. In places, the soil is moderately eroded.
KoC	KOLIN SILT LOAM, 3 TO 5 PERCENT SLOPES	This moderately well drained, very gently sloping or gently sloping soil is on terraces. It is loamy in the upper part of the subsoil and clayey in the lower part. Natural fertility is low or moderately low. Runoff is slow to medium. Water and air move slowly or very slowly through the clayey part of the subsoil. A seasonal high water table is perched on the clayey subsoil for long periods in winter and spring. In places, the soil is moderately eroded.
MbB	MALBIS FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	This moderately well drained, very gently sloping to gently sloping soil is on uplands. It is loamy throughout and has plinthite in the lower part of the subsoil. Natural fertility is low. Runoff is medium, and water and air move moderately slowly through the soil.

Map Symbol	Map Unit Name	Nontechnical Descriptions
MbC	MALBIS FINE SANDY LOAM, 3 TO 5 PERCENT SLOPES	This moderately well drained, very gently sloping to gently sloping soil is on uplands. It is loamy throughout and has plinthite in the lower part of the subsoil. Natural fertility is low. Runoff is medium, and water and air move moderately slowly through the soil.
MbD	MALBIS FINE SANDY LOAM, 5 TO 8 PERCENT SLOPES	This moderately sloping, moderately well drained soil is on uplands. It is loamy throughout the profile. Permeability is moderately slow. Surface runoff is medium. The soil has a seasonal high water table in winter and spring.
MuA	MERRYVILLE-BEARHEAD COMPLEX	These gently undulating, well drained and poorly drained soils are on stream terraces. The Bearhead soil is on mounds or ridges, and the Merryville soil is on flat areas or in swales. The Merryville soil is subject to rare flooding. Both soils have a loamy surface layer and a loamy and sandy subsoil. Natural fertility is low. The soils have a seasonal high water table in winter and spring.
OsB	OSIER SAND, 0 TO 2 PERCENT SLOPES	These poorly drained, nearly level to moderately sloping soils are on footslopes adjacent to drainageways on uplands. They have a thick, sandy surface layer and a loamy subsoil, or they are sandy throughout. The soils are acid throughout and have low fertility. Runoff is medium. Water seeps to the surface most of the year.
Pg	PITS	This map unit consists of open excavations from which sand and gravel have been removed. The areas range from gently sloping to steeply sloping. They generally are barren of vegetation.
Rh	RIVERWASH	This miscellaneous area consists of level to gently sloping, excessively drained, sandy deposits of sandbars along river channels. The areas are subject to frequent flooding. The soil has a seasonal high water table for long periods in winter and spring. The areas are washed and reworked by the river so often that they support little or no vegetation.
RuB	RUSTON FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	This well drained, very gently sloping to gently sloping soil is on uplands. It is loamy and acid throughout. Natural fertility is low. Runoff is medium. Water and air move through the soil at a moderate rate. Plant roots penetrate this soil easily. The soil dries quickly after rains. In places, the soil is moderately eroded.
RuC	RUSTON FINE SANDY LOAM, 3 TO 5 PERCENT SLOPES	This well drained, very gently sloping to gently sloping soil is on uplands. It is loamy and acid throughout. Natural fertility is low. Runoff is medium. Water and air move through the soil at a moderate rate. Plant roots penetrate this soil easily. The soil dries quickly after rains. In places, the soil is moderately eroded.

Map Symbol	Map Unit Name	Nontechnical Descriptions
RuD	RUSTON FINE SANDY LOAM, 5 TO 8 PERCENT SLOPES	This well drained, gently sloping to moderately sloping soil is on uplands. It is loamy and acid throughout. Natural fertility is low. Runoff is rapid. Movement of air and water through the soil is moderate. Plant roots penetrate the soil easily. In places, the soil is moderately eroded.
SpC	SPURGER FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	This very gently sloping or gently sloping, moderately well drained soil is on terraces or uplands. It has a loamy surface layer and a clayey and loamy subsoil. Natural fertility is low. Permeability is slow. The shrink-swell potential in the subsoil is moderate or high. The soil has a seasonal high water table in winter and spring.
SuB	SUGARTOWN VERY FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	This very gently sloping or gently sloping, moderately well drained soil is on terraces or uplands. It has a loamy surface layer and a clayey and loamy subsoil. Natural fertility is low. Permeability is slow. The shrink-swell potential in the subsoil is moderate or high. The soil has a seasonal high water table in winter and spring.
SuC	SUGARTOWN VERY FINE SANDY LOAM, 3 TO 5 PERCENT SLOPES	This very gently sloping or gently sloping, moderately well drained soil is on terraces or uplands. It has a loamy surface layer and a clayey and loamy subsoil. Natural fertility is low. Permeability is slow. The shrink-swell potential in the subsoil is moderate or high. The soil has a seasonal high water table in winter and spring.
SuD	SUGARTOWN VERY FINE SANDY LOAM, 5 TO 8 PERCENT SLOPES	This moderately sloping, moderately well drained soil is on uplands. It has a loamy surface layer and a clayey and loamy subsoil. Permeability is slow. Natural fertility is low. Surface runoff is medium. The shrink-swell potential in the subsoil is high. The soil has a seasonal high water table in winter and spring.
URA	URBO AND MANTACHIE SOILS, FREQUENTLY FLOODED	These nearly level, somewhat poorly drained soils are on flood plains. They are frequently flooded. The Urbo soil is in low, flat areas and the Mantachie soil is on convex ridges. The Urbo soil has a clayey surface layer and subsoil. Permeability is very slow. The Mantachie soil is loamy throughout. Permeability is moderate. Natural fertility is low in both soils. The soils have a seasonal high water table for long periods in winter and spring.